



PTO/SB/08A (08-03)

Substitute for form 1449A/PATENT & TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Complete if Known			
		Application Number	10/788,510		
		Filing Date	February 27, 2004		
		First Named Inventor	CHISHTI, MUHAMMAD		
		Art Unit	3732		
		Examiner Name	WILSON, JOHN J		
Sheet	1	of	4	Attorney Docket Number	018563-004920US

U.S. PATENT DOCUMENTS+					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number Kind Code ² (if known)			
JW	1	3,407,500	10-29-1968	Kesling	
	2	3,683,502	08-15-1972	Wallshein.	
	3	3,922,786	12-02-1975	Lavin	
	4	4,253,828	03-03-1981	Coles et al.	
	5	4,324,547	04-13-1982	Arcan et al.	
	6	4,500,294	02-19-1985	Lewis	
	7	4,526,540	07-02-1985	Dellinger	
	8	4,575,330	03-11-1986	Hull	
	9	4,591,341	05-27-1986	Andrews	
	10	4,609,349	09-02-1986	Cain	
	11	4,664,626	05-12-1987	Kesling	
	12	4,676,747	06-30-1987	Kesling	
	13	4,850,865	07-25-1989	Napolitano	
	14	4,877,398	10-31-1989	Kesling	
	15	4,880,380	11-14-1989	Martz	
	16	4,889,238	12-26-1989	Batchelor	
	17	4,890,608	01-02-1990	Steer	
	18	4,935,635	06-19-1990	O'Harra,	
	19	4,941,826	07-17-1990	Loran et al.	
	20	4,983,334	01-08-1991	Adell	
	21	5,125,832	06-30-1992	Kesling	
	22	5,145,364	09-08-1992	Martz et al.	
	23	5,176,517	01-05-1993	Truax	
	24	5,440,326	08-08-1995	Quinn	
	25	5,528,735	06-18-1996	Strasnick et al.	
	26	5,562,448	10-08-1996	Mushabac	
	27	5,621,648	04-15-1997	Crump	
	28	5,645,420	07-08-1997	Bergersen	
	29	5,692,894	12-02-1997	Schwartz et al.	
	30	5,725,376	03-10-1998	Poirier	
	31	5,725,378	03-10-1998	Wang	
	32	5,742,700	04-21-1998	Yoon et al.	
	33	5,799,100	08-25-1998	Clarke et al.	
	34	5,800,174	09-01-1998	Andersson	
	35	5,823,778	10-20-1998	Schmitt et al.	
	36	5,848,115	12-08-1998	Little et al.	
	37	5,857,853	01-12-1999	van Nifterick et al.	
	38	5,866,058	02-02-1999	Batchelder et al.	
	39	5,879,158	03-09-1999	Doyle et al.	
	40	5,880,961	03-09-1999	Crump	
	41	5,934,288	08-10-1999	Avila et al.	
Examiner Signature	John Wilson		Date Considered	12/22/05	

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		Number	Kind Code ² (if known)				
gw	42	5,957,686		09-28-1999	Anthony		
	43	5,964,587		10-12-1999	Sato		
	44	5,971,754		10-26-1999	Sondhi et al.		
	45	5,975,893		11-02-1999	Chishti et al.		
	46	6,015,289		01-18-2000	Andreiko et al.		
	47	6,044,309		03-28-2000	Honda		
	48	6,049,743		04-11-2000	Baba		
	49	6,062,861		05-16-2000	Andersson		
	50	6,068,482		05-30-2000	Snow		
	51	6,099,314		08-08-2000	Kopelman et al.		
	52	6,123,544		09-26-2000	Cleary		
	53	6,183,248		02-06-2001	Chishti et al.		
	54	6,190,165		02-20-2001	Andreiko et al.		
	55	6,244,861		06-12-2001	Andreiko et al.		
	56	6,309,215		10-30-2001	Phan et al.		
	57	6,315,553		11-13-2001	Sachdeva et al.		
	58	6,322,359		11-27-2001	Jordan et al.		
	59	6,350,120		02-26-2002	Sachdeva et al.		
	60	6,382,975		05-07-2002	Poirier		
	61	6,398,548		06-04-2002	Muhammad et al.		
	62	6,524,101		02-25-2003	Phan et al.		
	63	6,554,611		04-29-2003	Chishti et al.		
	gw	64	2002/0006597		01-17-2002	Andreiko et al.	
		65	RE 35169		03-05-1996	Lemchen et al.	

FOREIGN PATENT DOCUMENTS								
Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
gw	66	AU	517102		07-09-1981	Hito Suyehiro		<input type="checkbox"/>
	67	AU	3031677		05-10-1979	Hito Suyehiro		<input type="checkbox"/>
	68	AU	5598894		06-08-1994	Ormco Corp		<input type="checkbox"/>
	69	CA	1121955		04-20-1982	Suyehiro Hito		<input type="checkbox"/>
	70	DE	2749802		05-11-1978	Suyehiro Hito		<input checked="" type="checkbox"/>
	71	DE	69327661		07-20-2000	Ormco Corp		<input checked="" type="checkbox"/>
	72	EP	0667753		08-23-1995	ORMCO CORP		<input type="checkbox"/>
	73	ES	463897		01-01-1980	Hito Suyehiro		<input checked="" type="checkbox"/>
gw	74	GB	1550777		08-22-1979	Hito Suyehiro		<input type="checkbox"/>
	75	JP	04-028359		01-30-1992	Mitsubishi Petrochemical Co		<input checked="" type="checkbox"/>

Examiner Signature	<i>John Wilson</i>	Date Considered	12/22/05
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<i>JW</i>	76	JP	53-058191		05-25-1978	Yoshii		<input checked="" type="checkbox"/>
<i>JW</i>	77	JP	08-508174		09-03-1996	Ormco Corp		<input checked="" type="checkbox"/>

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				Examiner Name	WILSON, JOHN J
Sheet	4	of	4	Attorney Docket Number	018563-004920US

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials *	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>gw</i>	78	ANDREWS, <i>The Six Keys to Optimal Occlusion Straight Wire</i> , Chapter 3, pp 13-24.	
	79	DENT-X posted at http://www.dent-x.com/DentSim.htm 09/24/98, 6 pages total.	
	80	FÜTTERLING et al., "Automated Finite Element Modeling of a Human Mandible with Dental Implants," WSCG '98 -Conference Program, retrieved from the Internet: << http://wscg.zcu.cz/wscg98/papers98/Strasser_98.pdf >>, 8 pages total.	
	81	GOTTLEIB et al., "JCO Interviews Dr. James A. McNamara, Jr., on the Frankel Appliance: Part 2: Clinical Management," <i>Journal of Clinical Orthodontics</i> , Vol. 16, No. 6, (June 1982) pp. 390-407	
	82	HOJJATIE et al., "Three-Dimensional Finite Element Analysis of Glass-Ceramic Dental Crowns," <i>J Biomech.</i> (1990) Vol. 23, No. 11, pp.1157-1166.	
	83	KUNII et al., Articulation Simulation for an Intelligent Dental Care System, <i>Displays</i> (1994) 15:181-188.	
	84	MÖRMANN et al., "Marginale Adaptation von adhäsiven Porzellaninlays in vitro," Separatdruck aus: <i>Schweiz. Mschr. Zahnmed.</i> 95: 1118-1129, 1985.	
	85	TRU-TAIN ORTHODONTIC & DENTAL SUPPLIES, Product Brochure, Rochester, Minnesota 55902, 16 pages total.	
	86	PROFFIT et al, <i>Contemporary Orthodontics</i> (Second Ed.) Chapter 15, Mosby Inc, (October 1992), pp 470-533	
	87	REKOW et al., "CAD/CAM for Dental Restorations - Some of the Curious Challenges," <i>IEEE Transactions on Biomedical Engineering</i> , (April 1991) Vol. 38, No. 4, pp. 344-345.	
	88	REKOW et al., "Comparison of Three Data Acquisition Techniques for 3-D Tooth Surface Mapping," <i>Annual International Conference of the IEEE Engineering in Medicine and Biology Society</i> , (1991) Vol. 13, No. 1, pp. 344-345.	
	89	SCHROEDER et al., Eds. <i>The Visual Toolkit</i> , Prentice Hall PTR, New Jersey (1998) Chapters 6, 8 & 9, (pages 153-210, 309-354, and 355-428, respectively).	
<i>gw</i>	90	SINCLAIR, "The Readers' Corner," <i>Journal of Clinical Orthodontics</i> , Vol 26, No. 6, (June 1992) pp. 369-372	

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